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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

5

Application Number	10/693,164
Filing Date	October 24, 2003
First Named Inventor	Carson R. LOOMIS
Art Unit	1641
Examiner Name	Unassigned
Attorney Docket Number	NRK.10092

### ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
<b>Remarks</b> The Director is hereby authorized to charge any appropriate fees that may be required by this paper, and to credit any overpayment, to Deposit Account No. 50-3218.		

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Hutchison & Mason PLLC		
Signature	<i>Allen R. Baum</i>		
Printed name	Allen R. Baum		
Date	March 2, 2005	Reg. No.	36,086

### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature	<i>Diana Martin</i>		
Typed or printed name	Diana Martin	Date	3/3/2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Patent  
Attorney Docket No. NRK.10092

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Carson R. LOOMIS et al.

Application No.: 10/693,164

Group Art Unit: 1641

Filing Date: October 24, 2003

Examiner: Unassigned

Title: Methods of Identifying Reduced  
Internalization Transmembrane  
Receptor Agonists

Confirmation No.: 1674

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. A copy of each of the documents cited and required by 37 C.F.R. § 1.98 is enclosed.

Some of the listed documents were cited in the International Search Report in a corresponding prior application, copies of which are enclosed.

To assist the Examiner, the documents are listed on the attached Form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

The Examiner's attention is directed to copending Application Nos. 10/141,725 and 10/161,916. In accordance with MPEP § 609 III C(2) (August 2001, page 600-131), the Office is requested to return a copy of this Information Disclosure Statement with the Examiner's initials adjacent to this paragraph indicating that this copending application has been considered. By citation to the copending application, confidentiality is not waived and the Office is requested to maintain the confidentiality of the copending application under 35 U.S.C. § 122.

The cited documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits,

whichever is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

**The Director is hereby authorized to charge any appropriate fees that may be required by this paper, and to credit any overpayment, to Deposit Account No. 50-3218.**

Respectfully submitted,

HUTCHISON & MASON PLLC

Date: March 3, 2005 By: Allen R. Baum  
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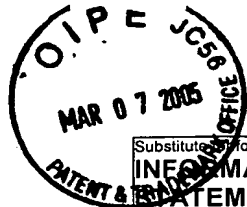
Diana Martin

(Typed Name of Person Signing Certificate)

Diana Martin

(Signature of Person Signing Certificate)

Date of Signing: 3/3/2005



Substitute Form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/693,164
Filing Date	October 24, 2003
First Named Inventor	LOOMIS, Carson
Group Art Unit	1641
Examiner Name	Unknown

Sheet 1 of 2

Attorney Docket No: NRK.10092

**US PATENT DOCUMENTS**

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document
	US-5,891,646	04/06/1999	Barak, Lawrence S., et al.
	US-6,110,693	08/29/2000	Barak, Lawrence S., et al.
	US-6,528,271	03/04/2003	Bohn, Laura M., et al.
	US-6,770,449	08/03/2004	Barak, Lawrence S., et al.
	US-6,800,445	10/05/2004	Palmer, Michelle A.J., et al.
	US-2003-0049643-A1	03/13/2003	Barak, Lawrence S., et al.
	US-2003-0013137-A1	01/16/2003	Barak, Lawrence S., et al.
	US-2005-0032125-A1	02/10/2005	Oakley, Robert H., et al.

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Foreign Document No	Publication Date	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Abstract, Translation, English Language Equivalent or Search Report
	WO 01/46691	06/28/2001		
	WO 01/46694	06/28/2001		
	WO 02/46763	06/13/2002		
	WO 03/097795	11/27/2003		
	WO 2004/004451	01/15/2004		
	WO 98/00715	01/08/1998		
	WO 99/66324	12/23/1999		

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume- issue number(s), publisher, city and/or country where published.	Abstract, Translation, English Language Equivalent or Search Report
	BARAK, LARRY S., "Internal Trafficking and Surface Mobility of a Functionally Intact B2-Adrenergic Receptor-Green Fluorescent Protein Conjugate", <u>Molecular Pharmacology</u> , vol. 51, no. 2, pp. 177-184 (February 1997), (02/1997), 177-184	
	BISELLO, ALESSANDRO, et al., "Selective Ligand-induced Stabilization of Active and Desensitized Parathyroid Hormone Type 1 Receptor Conformations", <u>The Journal of Biological Chemistry</u> , Vol. 277, No. 41, pp. 38524-38530 (October 11, 2002).	
	CHEN, CHONGGUANG, et al., "Inverse Agonist Up-Regulates the Constitutively Active D3.49(164)Q Mutant of the Rat m-Opioid Receptor by Stabilizing the Structure and Blocking Constitutive Internalization and Down-Regulation", <u>Molecular Pharmacology</u> , vol. 60, no. 5, pp. 1064-1065 (November 2001), (11/2001), 1064-1065	

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

<b>Application Number</b>	10/693,164
<b>Filing Date</b>	October 24, 2003
<b>First Named Inventor</b>	LOOMIS, Carson
<b>Group Art Unit</b>	1641
<b>Examiner Name</b>	Unknown

Sheet 2 of 2

Attorney Docket No: NRK.10092

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume- issue number(s), publisher, city and/or country where published.	Abstract, Translation, English Language Equivalent or Search Report
	HANLEY, NICOLE R., et al., "Mechanisms of Ligand-Induced Desensitization of the 5-Hydroxytryptamine <sub>2A</sub> Receptor", <u>The Journal of Pharmacology and Experimental Therapeutics</u> , vol. 300, no. 2, pp. 468-477 (February 2002), (02/2002), 467-477	

**EXAMINER****DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

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